| Unit I: Living Things Count | 4.OA.A Use the four operations with whole numbers to solve problems.  
|                           | 4.OA.C Generate and analyze patterns.  
|                           | 4.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic.  
|                           | 5.OA.B Analyze patterns and relationships.  
| Unit II: The Dance of the Numbers | 4.OA.A Use the four operations with whole numbers to solve problems.  
|                           | 4.OA.B Gain familiarity with factors and multiples.  
|                           | 4.OA.C Generate and analyze patterns.  
|                           | 4.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic.  
|                           | 4.NF.C Understand decimal notation for fractions, and compare decimal fractions.  
|                           | 5.OA.B Analyze patterns and relationships.  
|                           | 6.EE.A Apply and extend previous understandings of arithmetic to algebraic expressions.  
| Unit III: Finding the Gold | 4.OA.A Use the four operations with whole numbers to solve problems.  
|                           | 5.NBT.A Understand the place value system.  
|                           | 5.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths.  
|                           | 5.MD.A Convert like measurement units within a given measurement system.  
|                           | 5.MD.B Represent and interpret data.  
|                           | 6.RP.A Understand ratio concepts and use ratio reasoning to solve problems.  
|                           | 6.SP.A Develop understanding of statistical variability.  
|                           | 6.SP.B Summarize and describe distributions.  
|                           | 7.SP.A Use random sampling to draw inferences about a population.  
| Unit IV: Mathematical Artforms | 4.OA.A Use the four operations with whole numbers to solve problems.  
|                           | 4.MD.A Solve problems involving measurement and conversion of measurements.  
|                           | 4.G.A Draw and identify lines and angles, and classify shapes by properties of their lines and angles.  
|                           | 6.RP.A Understand ratio concepts and use ratio reasoning to solve problems.  
|                           | 6.G.A Solve real-world and mathematical problems involving area, surface area, and volume.  
|                           | 7.G.A Draw, construct, and describe geometrical figures and describe the relationships between them.  
| Unit V: Geometry, the Pyramid, and the Moon | 4.OA.A Use the four operations with whole numbers to solve problems.  
|                           | 4.MD.A Solve problems involving measurement and conversion of measurements.  
|                           | 4.G.A Draw and identify lines and angles, and classify shapes by properties of their lines and angles.  
|                           | 5.NF.B Apply and extend previous understandings of multiplication and division.  
|                           | 5.MD.A Convert like measurement units within a given measurement system.  
|                           | 6.RP.A Understand ratio concepts and use ratio reasoning to solve problems.  
|                           | 7.G.A Draw, construct, and describe geometrical figures and describe the relationships between them.  
|                           | 7.G.B Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.  

Key - Mathematics  
OA = Operations & Algebraic Thinking; NBT = Number & Operations in Base Ten; NBF = Number & Operations - Fractions; MD = Measurement & Data; G = Geometry; RP = Ratios & Proportional Relationships; EE = Expressions & Equations; SP = Statistics & Probability